

MeTEOR Performance Task

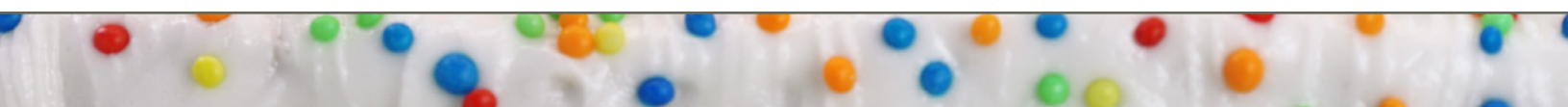
Third Grade

Mathematics
Birthday Celebration



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MeTEOR[™]
CONNECTING THE DOTS



Performance Task Item: Birthday Celebration

Scenario: Tomorrow is your 9th birthday and your mom is planning a birthday celebration with snacks for each student in your class and the teacher. Your mom needs your help to plan out how many snacks she needs to buy. Your Mom thinks you should bring cupcakes, juice boxes and bubble gum for the birthday celebration.

Task/Question 1:

- A.** You want each student and your teacher to get a decorated cupcake. You have 21 students including yourself in your class. Cupcakes are sold by the dozen. How many dozens of cupcakes will your mom have to buy to have enough for each person in the class?

- B.** Draw a visual representation using the tens frames to represent the total number of cupcakes purchased and the amount needed for your class.

Task/Question 2:

- A.** You want each student *and* your teacher to get a juice box for your birthday celebration. Juice boxes are packaged and sold with ten individual juice boxes in each package. How many packages of juice boxes will your mom need to buy to have enough for each person?
- B.** Draw a visual representation using the tens frames to represent the amount of juice boxes purchased and the number of juice boxes needed for your class.
- C.** Write an equation using multiplication to show the amount of juice boxes purchased for your class.

Task/Question 3:

- A.** Bubble gum for everyone is a perfect idea, however your favorite gum is sold in a big tub with 100 pieces. How many pieces of gum will each person get if you distribute it all out to your class, including your teacher?
- B.** Write an equation using division to show how many pieces of gum each person will get. Check your work.
- C.** Is estimation more appropriate than finding an exact answer? Write your response in your math journal.

Tens Frames



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